

FIG. 1

Pln. of: ASAY et al.
Master: 268225
Group Art: 2132
Examiner: M. Smithers

PILLSBURY MADISON & SUTRO LLP
MCLEAN, VIRGINIA

| X.509 Certificate | | | | | | | |
|-------------------|---------------------------|----------------------|--------------------|-----------------|------------|-------------------------------------|---------------------|
| Version Number | Certificate Serial Number | Algorithm Identifier | Certificate Issuer | Validity Period | Subscriber | Subscriber's public key information | Signature of Issuer |

Fig. 1
Prior Art

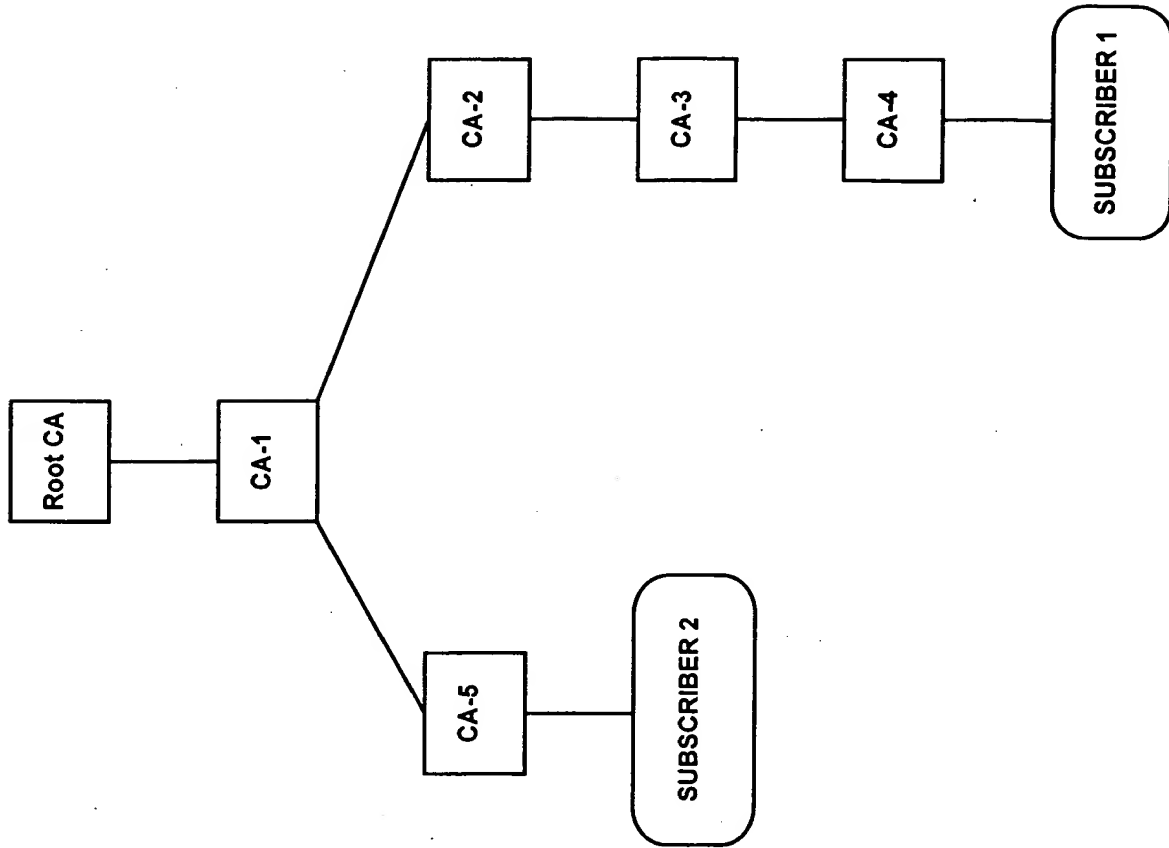


Fig. 2
Prior Art

FIG. 2000-0804450

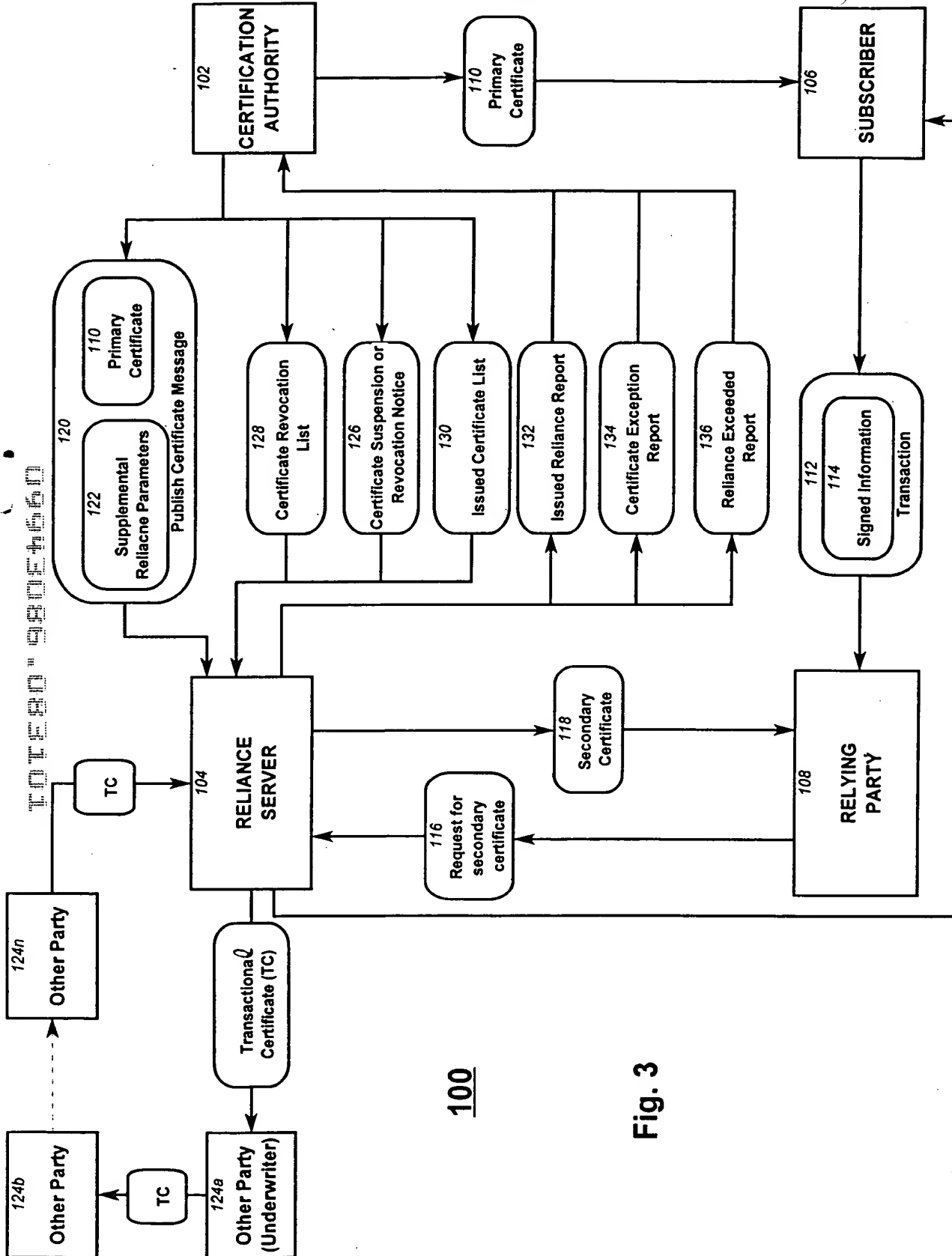


Fig. 3

TOTED" 030E460

Fig. 4

CERTIFICATE VALIDITY DATABASE

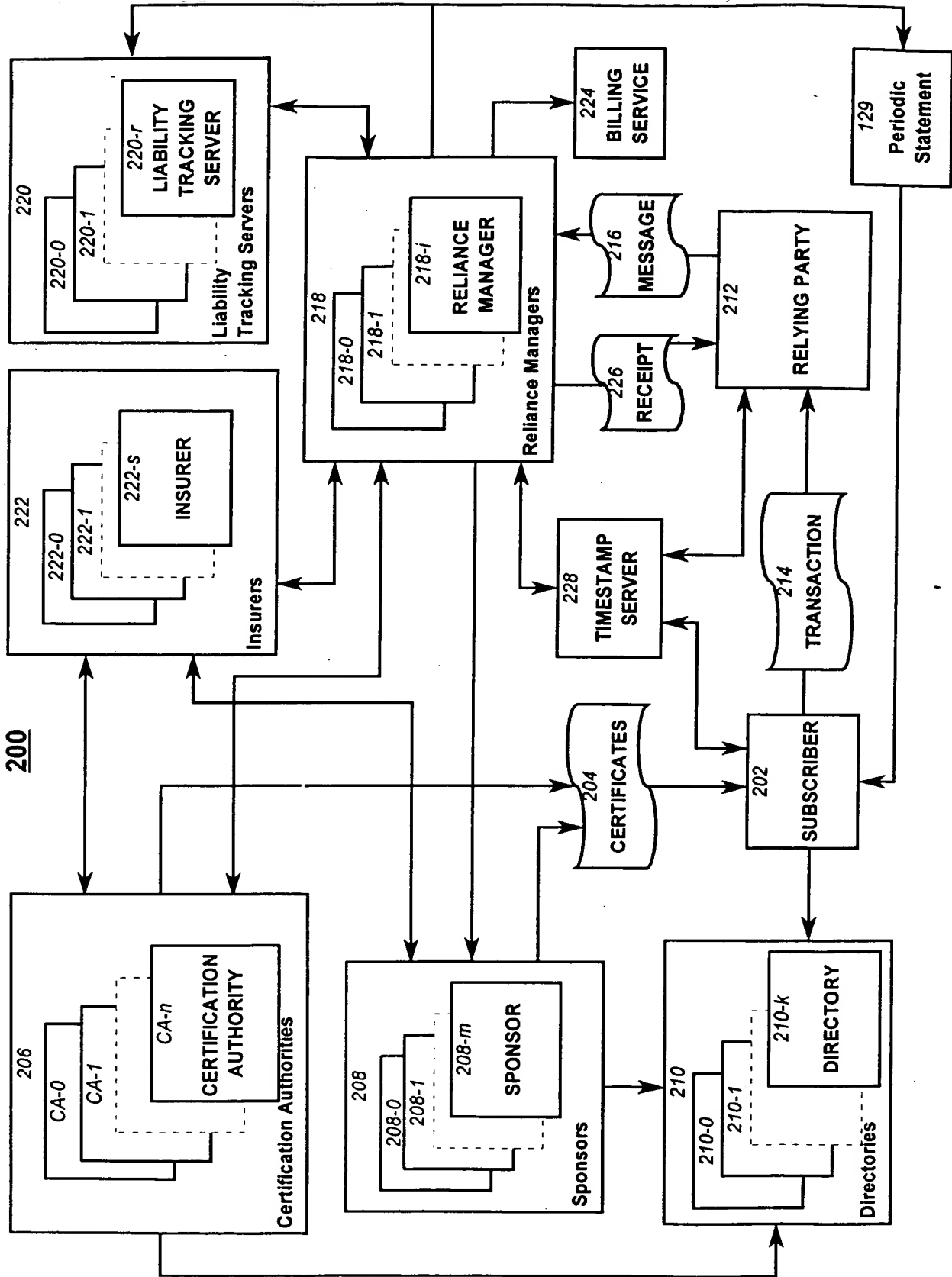
| Certificate | Status (valid, expired, revoked, suspended) | Supplemental assurance parameters | Links to account history and periodic reporting information |
|-------------|--|---|---|
| Cert-1 | valid | p | 1 |
| | | | |
| | | | |

TABLE 100-380E4560

Fig. 5

REQUEST MESSAGE 116

| Field | Meaning |
|----------------------|--|
| Certificate ID | Unique identifier for this certificate (issuer, serial number) |
| scope | local or global |
| relying party ID | The identity of the relying party |
| notification address | Address to notify for alerts relating to this certificate. |
| payment information | How this reliance check will be paid |
| monetary value | amount being relied upon |
| signed attributes | signed by subscriber (include purported monetary value) |
| Request type | The type of request (validation or reliability). |

[illegible]

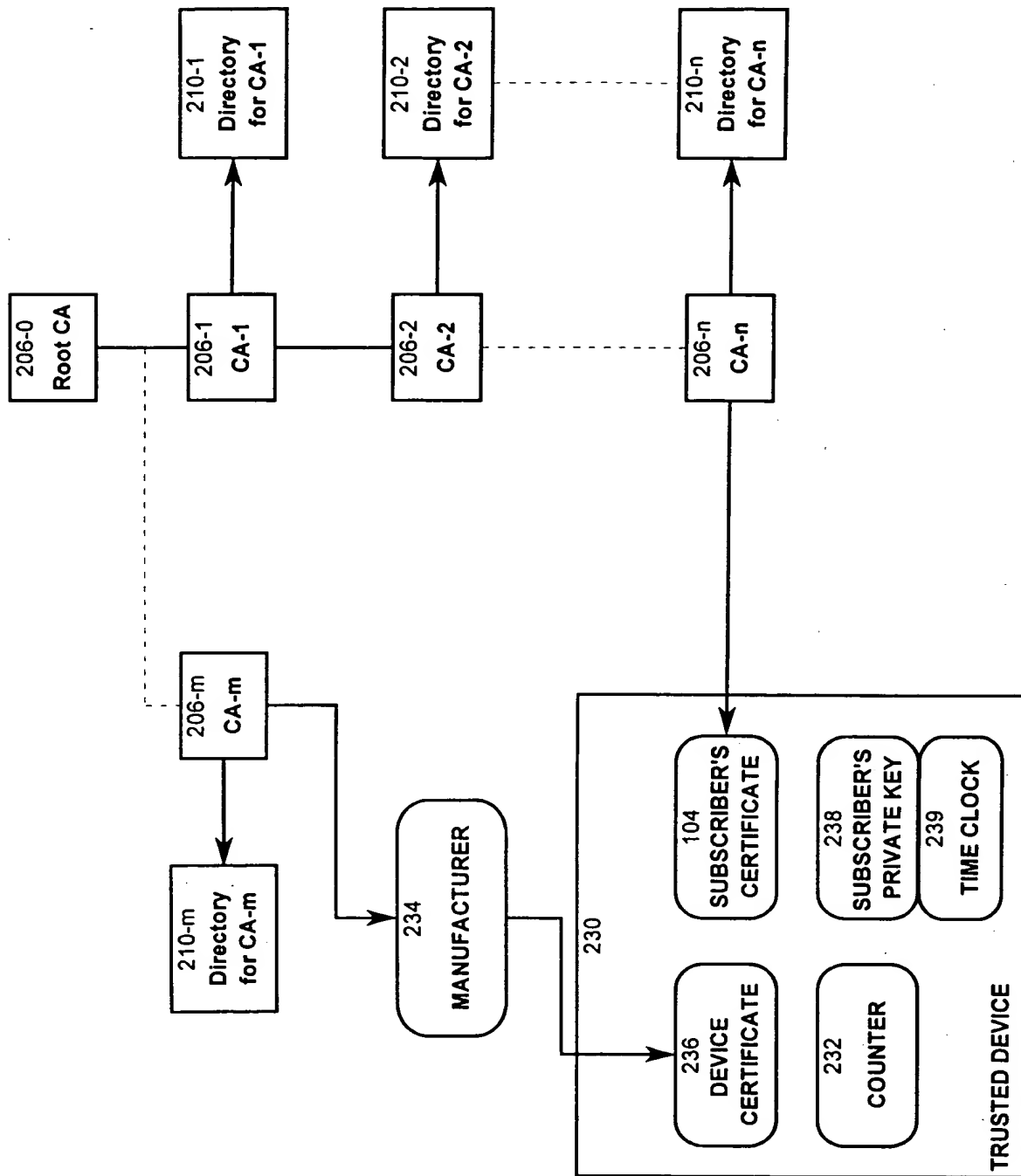
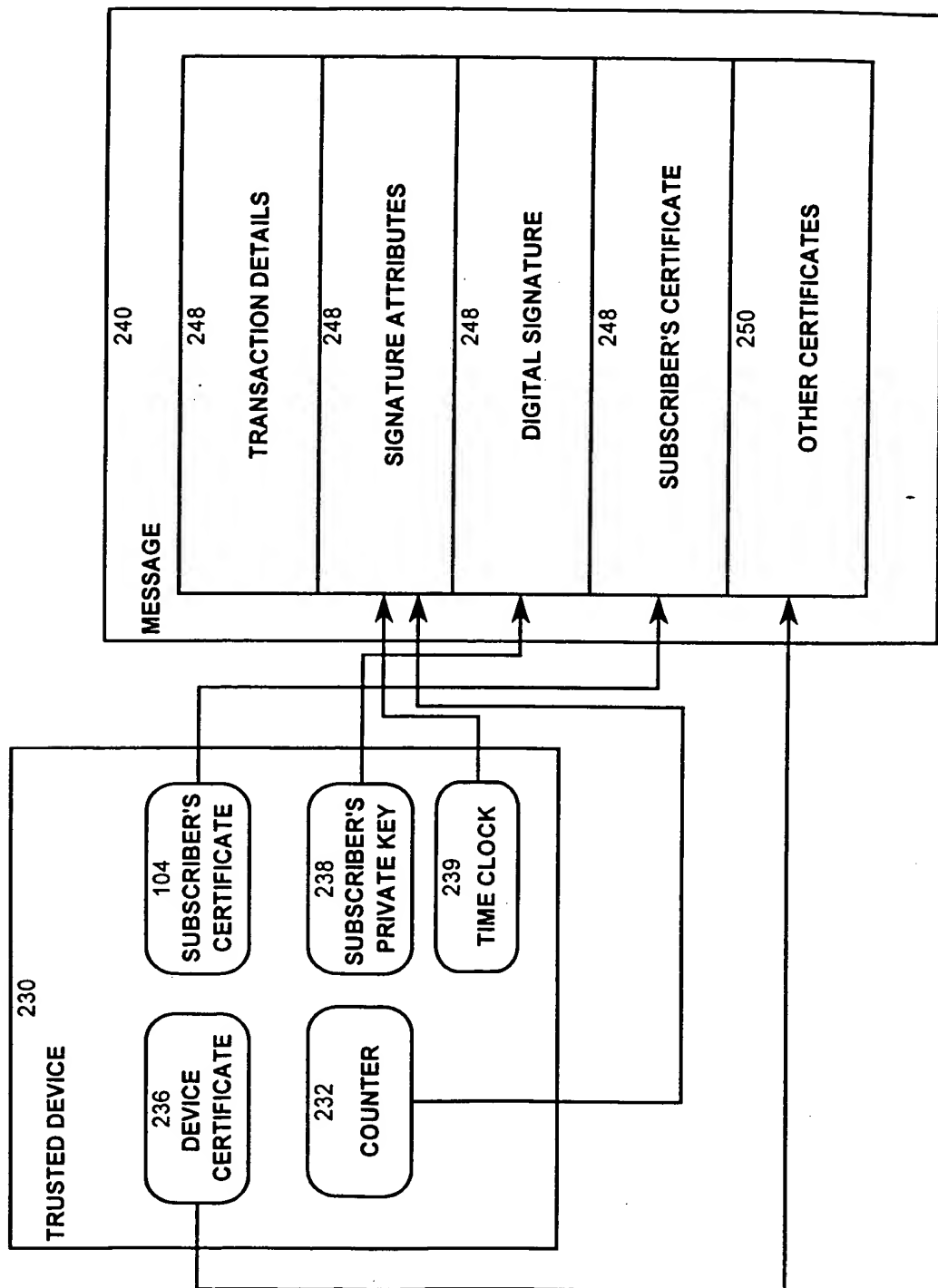


Fig. 7

FIG. 7

Fig. 8



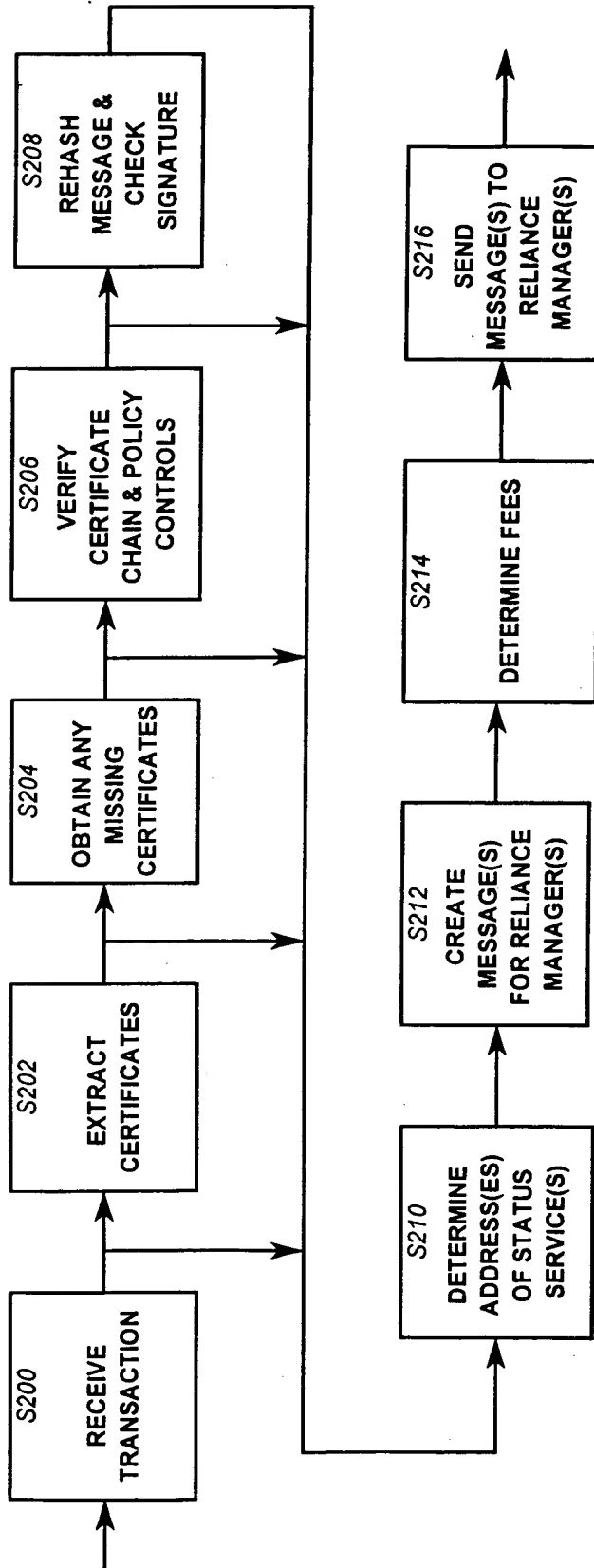


Fig. 9

Fig. 10

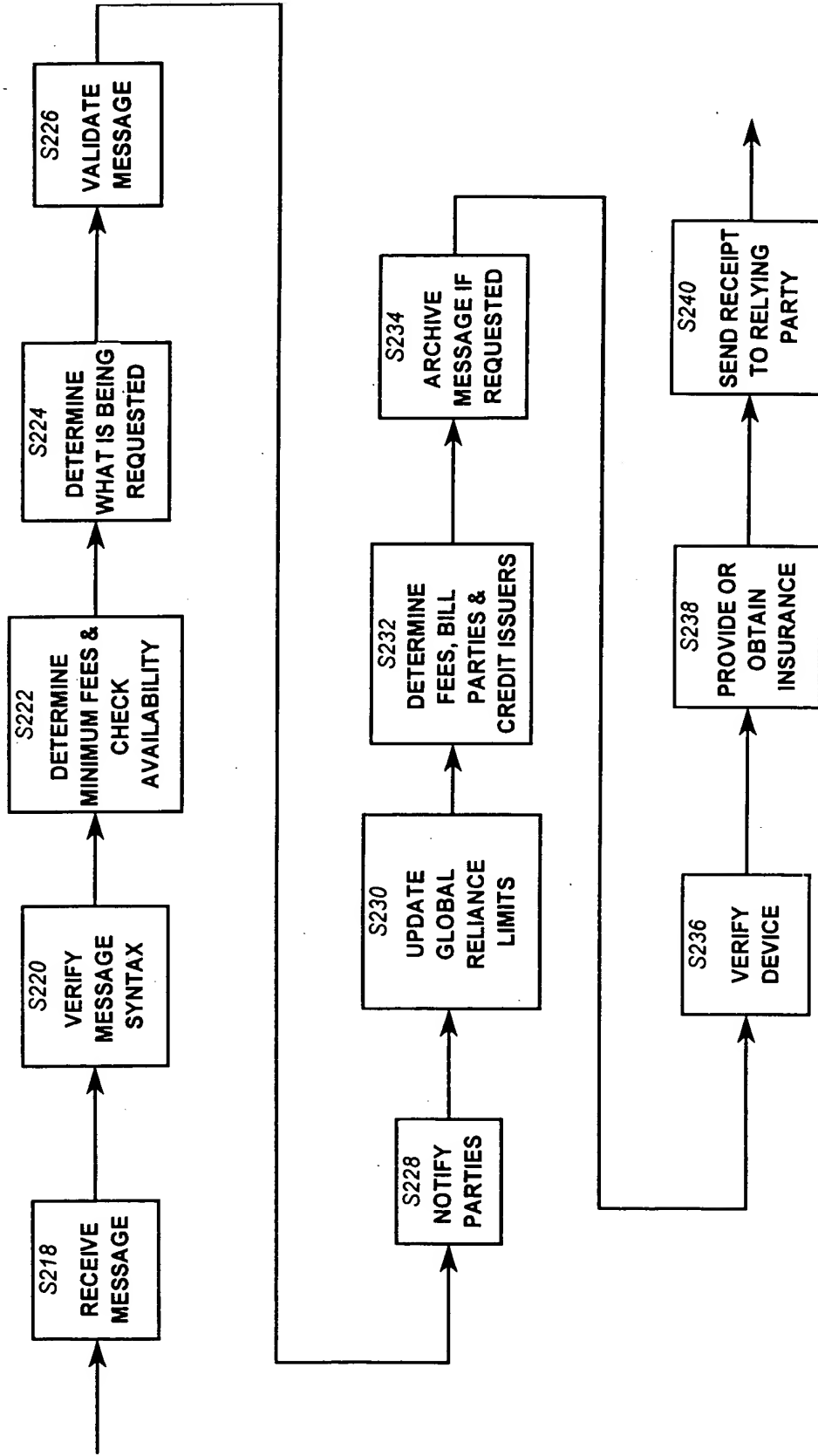


Fig. 11

U.S. Appln. of: ASAY et al.
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MCLEAN, VIRGINIA

X.509 Certificate Info

| |
|-----------------------------|
| Version Number |
| Serial Number |
| Algorithm Identifier |
| Issuer Name (CA or Sponsor) |
| Validity Period |
| Subject Name |
| Subject Public Key |

Subject's Authority Specification
(Optional, see ANSI X9.45)

| |
|--|
| Default Reliance Limit (= \$0.05) |
| Name/Address of Status Check Service |
| Fee Schedule (SCM, RRM, OLG, Unrely) |
| Permission to Bill User/Third Party (Y/N?) |
| Third Party Name and Acct # (optional) |

Signature of CA

0994306-063101

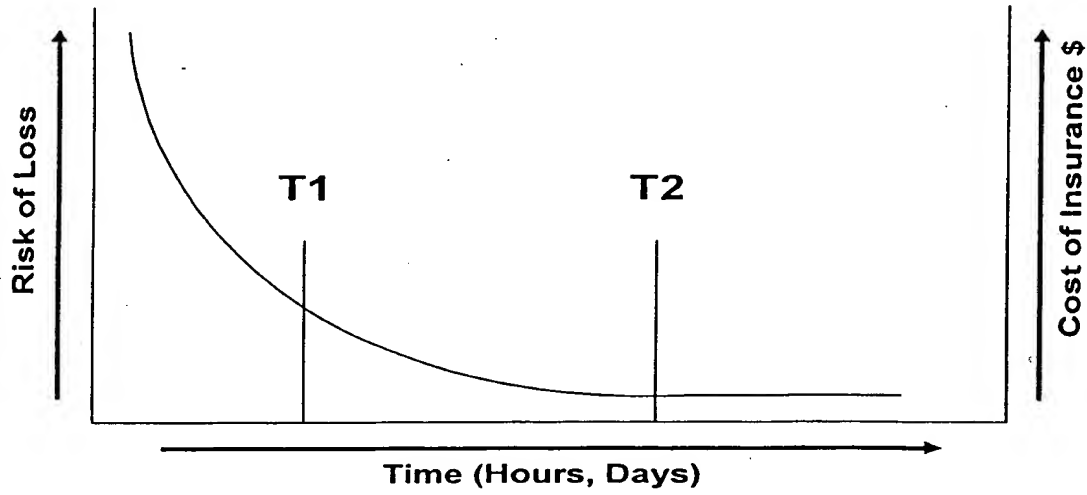


Fig. 12

FIG. 12